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Application Number	09/755,017
Filing Date	January 5, 2001
First Named Inventor	Walke
Group Art Unit	1645 1647
Examiner Name	To Be Assigned
Attorney Docket Number	LEX-0115-USA

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Sheet	1	of	3
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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
BOB	AA	4,190,496	—	Rubenstein et al	02/26/80	—
	AB	4,215,051	—	Schroeder et al	07/29/80	—
	AC	4,631,211	—	Houghten	12/23/86	—
	AD	4,683,202	—	Mullis	07/28/87	—
	AE	4,689,405	—	Frank et al	08/25/87	—
	AF	4,713,326	—	Dattagupta et al	12/15/87	—
	AG	4,873,191	—	Wagner et al	10/10/89	—
	AH	4,946,778	—	Ladner et al	08/07/90	—
	AI	5,075,217	—	Weber	12/24/91	—
	AJ	5,252,743	—	Barrett et al	10/12/93	—
	AK	5,364,759	—	Caskey et al.	11/15/94	—
	AL	5,424,186	—	Fodor et al	06/13/95	—
	AM	5,445,934	—	Fodor et al	08/29/95	—
	AN	5,556,752	—	Lockhart et al	09/17/96	—
	AO	5,625,048	—	Tsien et al	04/29/97	—
	AP	5,700,637	—	Southern	12/23/97	—
	AQ	5,744,305	—	Fodor et al	04/28/98	—
	AR	5,837,458	—	Minshull et al	11/17/98	—
	AS	5,877,397	—	Lonberg et al	03/02/99	—
BOB	AT	6,075,181	—	Kucherlapati et al	06/13/00	—

[illegible]

Examiner Signature	<i>Sigurd, C. Bunner</i>	Date Considered	<i>2/27/2002</i>
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Substitute for form 1449B/PTO

JUL 20 2001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 09/755,017
 Filing Date January 5, 2001
 First Name and Inventor Walke
 Group Art Unit 1645 1647
 Examiner Name To Be Assigned Bunner
 Attorney Docket Number LEX-0115-USA

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BBB	AU	Askew et al, 1989, "Molecular Recognition with Convergent Functional Groups, Synthetic and Structural Studies with a Model Receptor for Nucleic Acid Components", J. Am. Chem. Soc. 111:1082-1090.	-
	AV	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.	-
	AW	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.	-
	AX	Butler, 1981, "The Amplified ELISA: Principles of and Applications for the Comparative Quantitation of Class and Subclass Antibodies and the Distribution of Antibodies and Antigens in Biochemical Separates", Methods in Enzymology 73:482-523.	-
	AY	Chien et al, 1991, "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest", Proc. Natl. Acad. Sci. USA 88:9578-9582.	-
	AZ	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.	-
	BA	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.	-
	BB	Gordon, 1989, "International Review of Cytology", 115:171-229.	-
	BC	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.	-
	BD	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.	-
	BE	Houghten et al, 1991, "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", Nature 354:84-86.	-
	BF	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.	-
	BG	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.	-
	BH	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.	-
	BI	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.	-
	BJ	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.	-
	BK	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.	-
	BL	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.	-
	BM	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.	-
	BN	Lam et al, 1991, "A new type of synthetic peptide library for identifying ligand-binding activity", Nature 354:82-86.	-
	BO	Lavitrano et al, 1989, "Sperm Cells and Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.	-
	BP	Lewis et al, 1989, "Automated site-directed drug design: the formation of molecular templates in primary structure generation", Proc. R. Soc. Lond. B 236:141-162.	-
	BQ	Lo, 1983, "Transformation by Ionophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.	-
BBB	BR	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.	-

Bridget C. Bunner

2/27/2002

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PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/755,017
Filing Date January 5, 2001
First Named Inventor Walke
Group Art Unit 1645 1647
Examiner Name To Be Assigned
Attorney Docket Number LEX-0115-USA

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
BSB	BS	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster apt Gene", Cell 22:817-823.	-
1	BT	McKinlay et al, 1989, "Rational Design of Antiviral Agents", Annu. Rev. Pharmacol. Toxicol. 29:111-122.	-
	BU	Miyajima et al, 1986, "Expression of murine and human granulocyte-macrophage colony-stimulating factors in <i>S. cerevisiae</i> : mutagenesis of the potential glycosylation sites", The EMBO Journal 5(6):1193-1197.	-
	BV	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.	-
	BW	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	-
	BX	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.	-
	BY	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.	-
	BZ	Platt, K.A. et al, 1994, "Independent Regulation of Adipose Tissue-specificity and Obesity Response of the Adipsin Promoter in Transgenic Mice", The Journal of Biological Chemistry 269(46):28558-28562.	-
	CA	Ripka, 1988, "Computers picture the perfect drug", New Scientist 16:54-57.	-
	CB	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	-
	CC	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	-
	CD	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	-
	CE	Songyang et al, 1993, "SH2 Domains Recognize Specific Phosphopeptide Sequences", Cell 72:767-778.	-
	CF	Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	-
	CG	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines. IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	-
	CH	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	-
	CI	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.	-
	CJ	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.	-
	CK	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.	-
	CL	Voller et al, 1978, "Enzyme immunoassays with special reference to ELISA techniques", J. Clinical Pathology 31:507-520.	-
	CM	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.	-
	CN	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232	-
BSB	CO	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.	-

Examiner Signature Bridget C. Bunner Date Considered 2/27/2002

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sh	1	of	1	Application Number	09/755,017	RECEIVED AUG 15 2001 TECH CENTER 1600/2900
				Filing Date	January 5, 2001	
				First Named Inventor	Walke	
				Group Art Unit	1845 1647	
				Examiner Name	to be assigned Bridget Bunner	
Attorney Docket Number				LEX-0115-USA		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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BBB	AA	EMBLdatabase, Heidelberg, FRG Accession number AL133267 30 November 1999. Williams, S.: "Human DNA sequence from clone RP3-408B20 on chromosome 6 contains ESTs, STSs and GSSs. Contains a gene and two pseudogenes for novel 7 transmembrane receptors (olfactory family)...: XP002168049	
BBB	AB	ROUQUIER, S. ET AL.: "Distribution of olfactory receptor genes in human genome: NATURE GENETICS, VOL. 18, NO. 3, March 1998 pages 243-250, XP002111208	
BBB	AC	EMBL database, Heidelberg, FRG Accession number U86270 10 March 1998. ROUQUIER, S. ET AL.: "Homo sapiens olfactory receptor (OR5-40) gene, partial cds." XP002168050	

Examiner Signature	Bridget E. Bunner	Date Considered	2/27/2002
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